

**9259 Coax - Standard Analog Video Cable - 75 Ohm Coax**

	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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**Description:**

22 AWG stranded (7x30) .030" bare copper conductor, foam polyethylene insulation, 95% bare copper braid shield, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Coax	1
Total Number of Conductors	1
RG Type	59/U
AWG	22
Stranding	7x30
Conductor Diameter	.030 in.
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	FPE - Foam Polyethylene
Insulation Diameter	.146 in.

**OUTER SHIELD:**

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	95 %

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
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**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.241 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-40°C To +80°C
Non-UL Temperature Rating	80°C
Bulk Cable Weight	33 lbs/1000 ft.
Max. Recommended Pulling Tension	65 lbs.
Min. Bend Radius (Install)	2.5 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**



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**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	1354 (30 V 80°C)

**FLAME TEST:**

UL Flame Test	UL1581 Vertical Tray
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**SUITABILITY:**

Suitability - Indoor	Y
Suitability - Outdoor	Y

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
Plenum Number	89259 or 82259

**ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.09 µH/ft
Nom. Capacitance Conductor to Shield	17.3 pF/ft
Nominal Velocity of Propagation	78 %
Nominal Delay	1.3 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Nominal Outer Shield DC Resistance	2.6 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.30
	5			.65
	10			.90
	50			2.1
	100			3.0
	200			4.5
	400			6.6
	700			8.9
	900			10.1
	1000			10.9

Max. Operating Voltage - UL	300 V RMS
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**NOTES:**

Notes	For CCTV Applications.
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**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
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9259 010100	#22 PE RG 59/U TYPE	100	4.2	BLACK	
9259 0101000	#22 PE RG 59/U TYPE	1000	37	BLACK	
9259 010500	#22 PE RG 59/U TYPE	500	19	BLACK	
9259 010U1000	#22 PE RG 59/U TYPE	U1000	37	BLACK	
9259 010U500	#22 PE RG 59/U TYPE	U500	19	BLACK	

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